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Pro-Amendment  
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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

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Application of :  
Katsuhisa SAKUMA :  
Serial No. 10/061,121 : Group Art Unit - 2853  
Filed: January 31, 2002 :  
For: HEAD TIP : Docket No. S004-4527  
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MS NON-FEE AMENDMENT  
COMMISSIONER FOR PATENTS  
P.O. Box 1450  
Alexandria, VA 22313-1450

PRELIMINARY AMENDMENT

S I R:

In order to place this application in better condition for a complete examination on the merits, applicant preliminarily amend his application as follows:

IN THE SPECIFICATION:

Please replace the paragraph beginning at page 1, line 7, with the following rewritten paragraph:

--An ink-jet type recording apparatus has been known which records characters, images, etc. on a recording medium (e.g., paper) by using an ink-jet head having a plurality of nozzles for ejecting ink. In such an ink-jet type recording

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